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JUL 20 2007

007/011

Application No.: 09/767,390

Docket No.: JCLA6877-R2

**REMARKS**

**Present Status of the Application**

The Office Action rejected claims 1-8. Specifically, the Office Action rejected claims 1-8 under 102(e) as being anticipated by Takizawa et al. (U. S. Patent 6,573,964; hereinafter Takizawa). Applicants have added amended independent claims 1 and 7 and added dependent claims 9-12. Claims 1-12 remain pending in the present application, and reconsideration of those claims is respectfully requested.

**Discussion of Claim Rejections**

The FINAL Office Action rejected claims 1-8 under 102(e) as being anticipated by Takizawa. Applicants respectfully traverse the rejections for at least the reason set forth below.

1. In the present invention, as for example, shown in FIG. 2, for one pixel structure, that is, a pixel cell has a W-like extruding structure (by two V-like structures) on the first substrate, while the other substrate has a plurality of openings 64, which are aligned along a direction from a tip of the V-like structure to the edge.

Applicants have amended independent claims 1 and 7 to more clearly define the pixel structure. In other words, in one pixel unit itself, there are two V-like structures to form one W-like structure. One pixel unit is specifically stated in page 5, lines 13-18.

One pixel unit, as well known in the art is defined by adjacent two scan lines and adjacent two data lines. Takizawa also one electrode pixel is disposed between two data bus lines and two gate bus lines (col. 4, lines 11-15; col. 5, lines 56-58; Fig. 1; Fig. 26).

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2. The Office Action has attached two sheets of drawings with marks. Applicants respectfully disagree. According to the disclosure of Takizawa, one TFT 4 for each pixel electrode 1 (col. 5, line 56). Therefore, the Office Action in attached sheets has improperly included two pixels in one.

Applicants have newly submitted Appendix 1 and Appendix 2 with marks for reference.

3. In re Takizawa, the Office Action has referred to Fig. 1 and Fig. 6. Clearly, one TFT 4 controls one pixel structure. For one pixel structure, the protrusion 10 only forms *one V structure*. Takizawa does not disclose a W-like protrusion structure in one pixel, *as indicated in the Appendix 1 in shade*. The shaded portion of the protrusion 10 does not disclose the W-like structure.

Further, in Fig. 6, two slits 20, *as indicated in the Appendix 2*, between the protrusions 10, corresponding to line 11 in Fig. 1 (col. 9, lines 4-9). In other words, the slits 20 cross the protrusion 10 but not from the tip of the *V-like* protrusion. *Here, there is no W-like protrusion in one pixel of Takizawa at all.*

Therefore, Takizawa at least does not disclose the features of the present invention. Please note that one TFT 4 controls one pixel.

4. With respect to newly added claims 9-12, as can be seen in FIG. 2, the openings 64 in one pixel 70 can be aligned into two line groups. Further, the openings 64 can divide each of the V-like structure into two portions. Since there are two V-like structures, the openings 64

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divide the two V-like structures into four portions, for example.

5. For at least the foregoing reasons, Applicant respectfully submits that independent claims 1 and 7 patently define over the prior art, and should be allowed. For at least the same reasons, dependent claims 2-6 and 8-12 patently define over the prior art references as well.

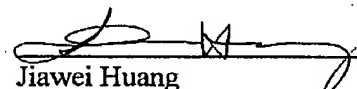
### CONCLUSION

For at least the foregoing reasons, it is believed that all the pending claims 1-12 of the invention patently define over the prior art and are in proper condition for allowance. If the Examiner believes that a telephone conference would expedite the examination of the above-identified patent application, the Examiner is invited to call the undersigned.

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U.S. Patent

Jun. 3, 2003

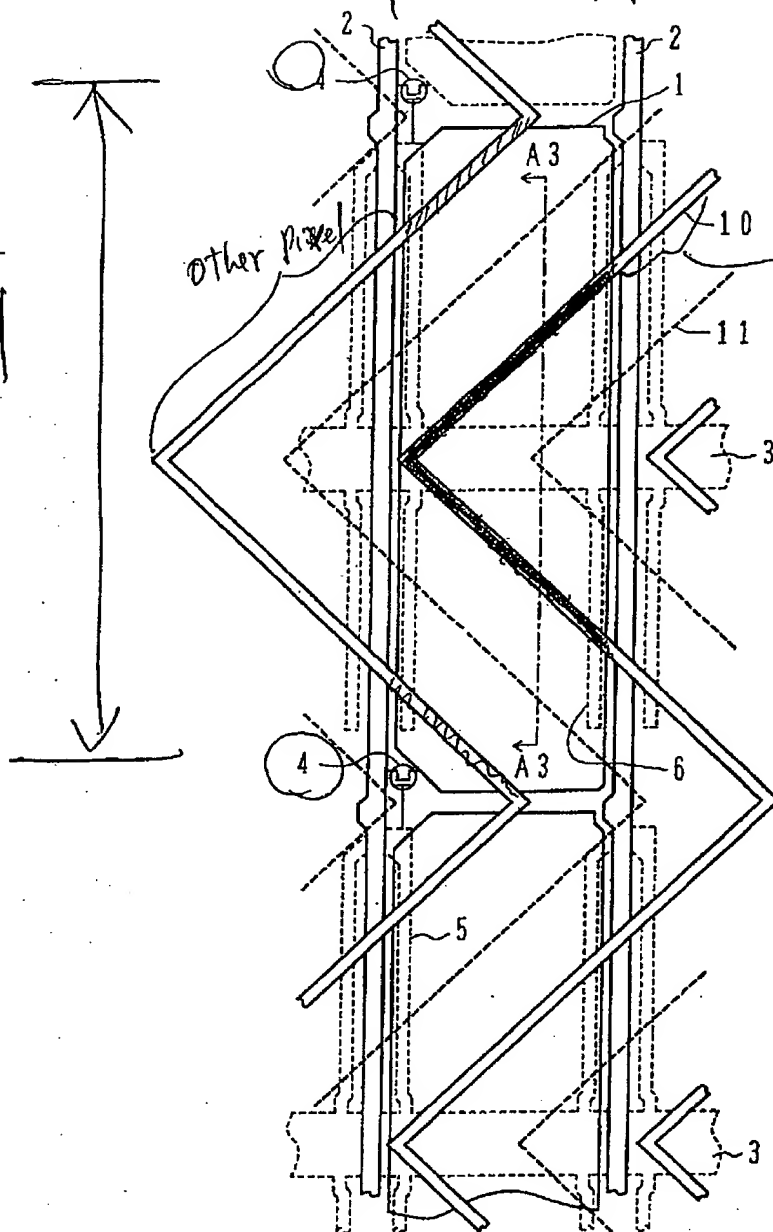
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One pixel  
FIG. 1

Appendix 1  
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One pixel



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Appendix 2

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